

## PCT REQUEST

Original (for SUBMISSION )

0	For receiving Office use only	
0-1	International Application No.	
0-2	International Filing Date	
0-3	Name of receiving Office and "PCT International Application"	
0-4	Form PCT/RO/101 PCT Request	
0-4-1	Prepared Using	PCT-SAFE [EASY mode] Version 3.50 (Build 0002.163)
0-5	Petition The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty	
0-6	Receiving Office (specified by the applicant)	United Kingdom Patent Office (RO/GB)
0-7	Applicant's or agent's file reference	XA1822
I	Title of Invention	DETECTION OF AN ELECTROMAGNETIC SIGNAL
II	Applicant	
II-1	This person is	applicant only
II-2	Applicant for	all designated States except US
II-4	Name	MBDA UK LIMITED
II-5	Address	Six Hills Way Stevenage Hertfordshire SG1 2DA United Kingdom
II-6	State of nationality	GB
II-7	State of residence	GB
II-8	Telephone No.	+44 (0) 1252 383440
II-9	Facsimile No.	+44 (0) 1252 383091

## PCT REQUEST

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III-1	Applicant and/or inventor	
III-1-1	This person is	applicant and inventor
III-1-2	Applicant for	US only
III-1-4	Name (LAST, First)	JENNINGS, Martin Robert
III-1-5	Address	MBDA UK Limited PO Box 5 Filton Bristol Avon BS34 7QW United Kingdom
III-1-6	State of nationality	GB
III-1-7	State of residence	GB
III-2	Applicant and/or inventor	
III-2-1	This person is	applicant and inventor
III-2-2	Applicant for	US only
III-2-4	Name (LAST, First)	RICHARDS, Thomas John
III-2-5	Address	MBDA Italia SpA N 0.3.210 Via Tiburtina Km 12400 00131 Roma 00131 Roma Rome Italy
III-2-6	State of nationality	GB
III-2-7	State of residence	IT
IV-1	Agent or common representative; or address for correspondence	
	The person identified below is hereby/ has been appointed to act on behalf of the applicant(s) before the competent International Authorities as:	agent
IV-1-1	Name (LAST, First)	LEWIS, Debra Louise
IV-1-2	Address	BAE SYSTEMS plc Group IP Department Lancaster House, P.O. Box 87, Farnborough Aerospace Centre Farnborough Hampshire GU14 6YU United Kingdom
IV-1-3	Telephone No.	+44 (0) 1252 384633
IV-1-4	Facsimile No.	+44 (0) 1252 383091

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IV-2	Additional agent(s)	agent
IV-2-1	Name (LAST, First)	MACLEAN, Martin David
IV-2-2	Address	BAE SYSTEMS plc Group IP Department Lancaster House, P.O. Box 87, Farnborough Aerospace Centre Farnborough Hampshire GU14 6YU United Kingdom
IV-2-3	Telephone No.	+44 (0) 1252 383430
IV-2-4	Facsimile No.	+44 (0) 1252 383091
IV-2-5	e-mail	
IV-2-6	Agent's registration No.	
IV-3	Additional agent(s)	agent
IV-3-1	Name (LAST, First)	MACKETT, Margaret Dawn
IV-3-2	Address	BAE SYSTEMS plc Group IP Department Lancaster House, P.O. Box 87, Farnborough Aerospace Centre Farnborough Hampshire GU14 6YU United Kingdom
IV-3-3	Telephone No.	+44 (0) 1252 383430
IV-3-4	Facsimile No.	+44 (0) 1252 383091
IV-3-5	e-mail	
IV-3-6	Agent's registration No.	
IV-4	Additional agent(s)	agent
IV-4-1	Name (LAST, First)	EDIS, Ronald Malcolm
IV-4-2	Address	BAE SYSTEMS plc Group IP Department Lancaster House, P.O. Box 87, Farnborough Aerospace Centre Farnborough Hampshire GU14 6YU United Kingdom
IV-4-3	Telephone No.	+44 (0) 1252 383430
IV-4-4	Facsimile No.	+44 (0) 1252 383091
IV-4-5	e-mail	
IV-4-6	Agent's registration No.	

## PCT REQUEST

Original (for SUBMISSION )

IV-5	Additional agent(s)	agent
IV-5-1	Name (LAST, First)	EASTMOND, John
IV-5-2	Address	BAE SYSTEMS plc Group IP Department Lancaster House, P.O. Box 87, Farnborough Aerospace Centre Farnborough Hampshire GU14 6YU United Kingdom
IV-5-3	Telephone No.	+44 (0) 1252 383430
IV-5-4	Facsimile No.	+44 (0) 1252 383091
IV-5-5	e-mail	
IV-5-6	Agent's registration No.	
IV-6	Additional agent(s)	agent
IV-6-1	Name (LAST, First)	ROONEY, Paul Blaise
IV-6-2	Address	BAE SYSTEMS plc Group IP Department Lancaster House, P.O. Box 87, Farnborough Aerospace Centre Farnborough Hampshire GU14 6YU United Kingdom
IV-6-3	Telephone No.	+44 (0) 1252 383430
IV-6-4	Facsimile No.	+44 (0) 1252 383091
IV-6-5	e-mail	
IV-6-6	Agent's registration No.	
IV-7	Additional agent(s)	agent
IV-7-1	Name (LAST, First)	WOJCIK, Lucy Eleanor
IV-7-2	Address	BAE SYSTEMS plc Group IP Department Lancaster House, P.O. Box 87, Farnborough Aerospace Centre Farnborough Hampshire GU14 6YU United Kingdom
IV-7-3	Telephone No.	+44 (0) 1252 383430
IV-7-4	Facsimile No.	+44 (0) 1252 383091
IV-7-5	e-mail	
IV-7-6	Agent's registration No.	

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Original (for SUBMISSION)

IV-8	Additional agent(s)	agent
IV-8-1	Name (LAST, First)	MUKHERJEE, Aniruddha
IV-8-2	Address	BAE SYSTEMS plc Group IP Department Lancaster House, P.O. Box 87, Farnborough Aerospace Centre Farnborough Hampshire GU14 6YU United Kingdom
IV-8-3	Telephone No.	+44 (0) 1252 383430
IV-8-4	Facsimile No.	+44 (0) 1252 383091
IV-8-5	e-mail	
IV-8-6	Agent's registration No.	
IV-9	Additional agent(s)	agent
IV-9-1	Name (LAST, First)	WILDMAN, David Brian
IV-9-2	Address	BAE SYSTEMS plc Group IP Department Lancaster House, P.O. Box 87, Farnborough Aerospace Centre Farnborough Hampshire GU14 6YU United Kingdom
IV-9-3	Telephone No.	+44 (0) 1252 383430
IV-9-4	Facsimile No.	+44 (0) 1252 383091
IV-9-5	e-mail	
IV-9-6	Agent's registration No.	
V	DESIGNATIONS	
V-1	The filing of this request constitutes under Rule 4.9(a), the designation of all Contracting States bound by the PCT on the international filing date, for the grant of every kind of protection available and, where applicable, for the grant of both regional and national patents.	
VI-1	Priority claim of earlier national application	
VI-1-1	Filing date	05 November 2003 (05.11.2003)
VI-1-2	Number	0325785.4
VI-1-3	Country	GB

## PCT REQUEST

Original (for SUBMISSION )

VI-2	Priority document request The receiving Office is requested to prepare and transmit to the International Bureau a certified copy of the earlier application(s) identified above as item(s):	VI-1	
VII-1	International Searching Authority Chosen	European Patent Office (EPO) (ISA/EP)	
VIII	Declarations	Number of declarations	
VIII-1	Declaration as to the identity of the inventor	-	
VIII-2	Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent	-	
VIII-3	Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application	-	
VIII-4	Declaration of inventorship (only for the purposes of the designation of the United States of America)	-	
VIII-5	Declaration as to non-prejudicial disclosures or exceptions to lack of novelty	-	
IX	Check list	number of sheets	electronic file(s) attached
IX-1	Request (including declaration sheets)	7	✓
IX-2	Description	10	-
IX-3	Claims	4	-
IX-4	Abstract	1	✓
IX-5	Drawings	3	-
IX-7	TOTAL	25	
	Accompanying Items	paper document(s) attached	electronic file(s) attached
IX-8	Fee calculation sheet	✓	-
IX-11	Copy of general power of attorney	✓	-
IX-17	PCT-SAFE physical media	-	✓
IX-18	other	GB PF23/77	
IX-19	Figure of the drawings which should accompany the abstract	1	
IX-20	Language of filing of the international application	English	
X-1	Signature of applicant, agent or common representative	Debra Lewis	
X-1-1	Name (LAST, First)	LEWIS, Debra Louise	
X-1-2	Name of signatory		
X-1-3	Capacity		

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13-2-3	Validation messages Names	Green? Applicant 1:Street address missing
13-2-7	Validation messages Contents	Green? Reference number for attached copy of general power of attorney not indicated.
13-2-9	Validation messages Payment	Green? Please ensure that you have a valid deposit account with the receiving Office selected.

A signal detector system comprises a single signal detector having a limited on-time during which any received electromagnetic signal can be assessed. The signal detector receives electromagnetic signals from a single direction in space through a single optical fibre, a signal splitter which splits the collected signal between three optical paths, and a signal combiner which combines the portions of the signal transmitted by the three optical paths and transmits the combined signal to a signal detector input. Each of the optical paths includes a respective optical delay designed to delay transmission of any received signal towards the signal detector. In this manner the signal detector will receive any signals that arrived at the optical fibre during three separate periods of time.

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